

PTO 1449 INFORMATION DISCLOSURE STATEMENT		Page 1 of 7	
		Atty Dkt: 03501.141	Serial No. 10/607,584
Title: Improved Methods and Compositions for Capillary Electrophoresis (CE)		Applicant: LIU, Yu <i>et al.</i>	
		Filing Date: 27 June 2003	Group Art Unit: Not Assigned Examiner: Not Assigned

### U.S. PATENT DOCUMENTS

Examiner's Initial		Patent Number	Date (mm/dd/yyyy)	Name	Class	Sub-Class	Filing Date (mm/dd/yyyy)
SV	AA1	RE37,606	03/26/2002	Guttman	204	455	08/05/1999
	AB1	6,440,284	08/27/2002	Dubrow	204	455	12/17/1999
	AC1	6,436,646	08/20/2002	Nikiforov	435	6	11/28/2000
	AD1	6,410,668	06/25/2002	Chiari	526	238.23	08/11/2000
	AE1	6,372,353	04/16/2002	Karger <i>et al.</i>	428	447	11/23/1998
	AF1	6,358,385	03/19/2002	Madabhushi <i>et al.</i>	204	451	01/11/1999
	AG1	6,355,709	03/12/2002	Madabhushi <i>et al.</i>	524	104	10/15/1998
↓	AH1	6,316,201	11/13/2001	Nikiforov	435	6	06/21/2000
SV	AI1	6,306,273	10/23/2001	Wainwright <i>et al.</i>	204	454	04/13/1999

### U.S. Patents Nos. (and (Zhu *et al.*), FOREIGN PATENT DOCUMENTS

		Document Number	Date (mm/dd/yyyy)	Country	Class	Sub-Class	Translation Yes/No
	AL1						
	AM1						
	AN1						

### OTHERS, including Author, Title, Date, Pertinent Pages, etc.

AR1	Bean, S.R. <i>et al.</i> (1999) ("SODIUM DODECYL SULFATE CAPILLARY ELECTROPHORESIS OF WHEAT PROTEINS. 1. UNCOATED CAPILLARIES," J. Agric. Food Chem 47(10):4246-4255
AS1	Ganzler, K. <i>et al.</i> (1992) "High-Performance Capillary Electrophoresis of SDS-Protein Complexes Using UV-Transparent Polymer Networks," Anal. Chem. 64:2665-2671
AT1	Hjerten, S. <i>et al.</i> (1989) "HIGH-PERFORMANCE ELECTROPHORESIS OF ACIDIC AND BASIC LOW-MOLECULAR-WEIGHT COMPOUNDS AND PROTEINS IN THE PRESENCE OF POLYMERS AND NEUTRAL SURFACTANTS," J. LIQUID CHROMATOGR. 12: 2471-2499

Examiner: /Surekha Vathyam/	Date Considered 12/07/2006
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SV	AA2	6,274,089	08/14/2001	Chow <i>et al.</i>	422	101	06/08/1998
	AB2	6,235,175	05/22/2001	Dubrow <i>et al.</i>	204	453	10/02/1998
	AC2	6,153,073	11/28/2000	Dubrow <i>et al.</i>	204	453	08/11/1999
	AD2	6,129,826	10/10/2000	Nikiforov <i>et al.</i>	204	450	05/11/1999
	AE2	6,107,044	08/22/2000	Nikiforov <i>et al.</i>	435	6	06/16/1999
	AF2	6,074,542	06/13/2000	Dolnik <i>et al.</i>	204	454	06/03/1999
	AG2	6,068,752	05/30/2000	Dubrow <i>et al.</i>	204	604	08/11/1999
↓	AH2	6,042,710	03/28/2000	Dubrow	204	454	05/11/1999
SV	AI2	6,033,546	03/07/2000	Ramsey	204	603	09/15/1998

### U.S. Patents Nos. (and (Zhu *et al.*), FOREIGN PATENT DOCUMENTS

	Document Number	Date (mm/dd/yyyy)	Country	Class	Sub-Class	Translation Yes/No
	AL2					
	AM2					
	AN2					

### OTHERS, including Author, Title, Date, Pertinent Pages, etc.

AR2	<a href="http://neo.pharm.hiroshima-u.ac.jp/ccab/2nd/mini_review/mr130/dolnik.html">http://neo.pharm.hiroshima-u.ac.jp/ccab/2nd/mini_review/mr130/dolnik.html</a>
AS2	<a href="http://www.poco.phy.cam.ac.uk/teaching/A_Donald/Gels_and_Network.htm">http://www.poco.phy.cam.ac.uk/teaching/A_Donald/Gels_and_Network.htm</a>
AT2	Kemp, G. (1998) "CAPILLARY ELECTROPHORESIS: A VERSATILE FAMILY OF ANALYTICAL TECHNIQUES," Biotechnol. Appl. Biochem. 27:9-17

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Group Art Unit: <b>Not Assigned</b> Examiner: <b>Not Assigned</b>			

U.S. PATENT DOCUMENTS							
Examiner's Initial		Patent Number	Date (mm/dd/yyyy)	Name	Class	Sub-Class	Filing Date (mm/dd/yyyy)
SV	AA3	6,001,232	12/14/1999	Chu <i>et al.</i>	204	455	09/04/1996
	AB3	5,989,399	11/23/1999	Chu <i>et al.</i>	204	456	07/15/1997
	AC3	5,976,336	11/02/1999	Dubrow <i>et al.</i>	204	453	04/25/1997
	AD3	5,964,995	10/12/1999	Nikiforov <i>et al.</i>	204	450	04/04/1997
	AE3	5,958,694	09/28/1999	Nikiforov	435	6	10/16/1997
	AF3	5,948,227	09/07/1999	Dubrow	204	455	12/17/1997
	AG3	5,916,426	06/29/1999	Madabhushi <i>et al.</i>	204	451	08/19/1997
	AH3	5,891,313	04/06/1999	Johnson <i>et al.</i>	204	451	11/08/1995
SV	AI3	5,846,395	12/08/1998	Sarrine <i>et al.</i>	2040	464	04/25/1997

U.S. Patents Nos. (and (Zhu <i>et al.</i> ), FOREIGN PATENT DOCUMENTS							
		Document Number	Date (mm/dd/yyyy)	Country	Class	Sub-Class	Translation Yes/No
	AL3						
	AM3						
	AN3						

OTHERS, including Author, Title, Date, Pertinent Pages, etc.	
AR3	Lausch, R. <i>et al.</i> (1993) "RAPID CAPILLARY GEL ELECTROPHORESIS OF PROTEINS," J. Chromatogr. 654:190-195
AS3	Manabe, T. <i>et al.</i> (1998) "SIZE SEPARATION OF SODIUM DODECYL SULFATE COMPLEXES OF HUMAN PLASMA PROTEINS BY CAPILLARY ELECTROPHORESIS EMPLOYING LINEAR POLYACRYLAMIDE AS A SIEVING POLYMER," Electrophoresis 19:2308-16
AT3	Schwartz, H. <i>et al.</i> ("Separation of Proteins and Peptides by Capillary Electrophoresis: Application to Analytical Biotechnology," <a href="http://www.beckman.com/Literature/BioResearch/727484.pdf">http://www.beckman.com/Literature/BioResearch/727484.pdf</a> )

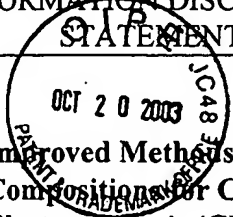
  

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<b>U.S. PATENT DOCUMENTS</b>							
Examiner's Initial		Patent Number	Date (mm/dd/yyyy)	Name	Class	Sub-Class	Filing Date (mm/dd/yyyy)
SV	AA4	5,840,388	11/24/1998	Karger <i>et al.</i>	428	36.91	05/22/1997
	AB4	5,777,096	07/07/1998	Grossman <i>et al.</i>	536	24.3	05/06/1996
	AC4	5,741,411	04/21/1998	Yeung <i>et al.</i>	204	452	06/18/1996
	AD4	5,728,282	03/17/1998	Bashkin <i>et al.</i>	204	455	04/12/1996
	AE4	5,695,626	12/09/1997	Yeung <i>et al.</i>	204	605	06/18/1996
	AF4	5,665,216	09/09/1997	Karger <i>et al.</i>	204	605	10/07/1991
	AG4	5,582,705	12/10/1996	Yeung <i>et al.</i>	204	603	05/19/1995
	AH4	5,580,016	12/03/1996	Sarine	248	188.2	11/21/1994
SV	AI4	5,567,292	10/22/1996	Madabhushi <i>et al.</i>	204	451	12/06/1994
U.S. Patents Nos. (and (Zhu <i>et al.</i> ), <b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date (mm/dd/yyyy)	Country	Class	Sub-Class	Translation Yes/No
	AL4						
	AM4						
	AN4						
<b>OTHERS, including Author, Title, Date, Pertinent Pages, etc.</b>							
	AR4	Wu, D. <i>et al.</i> (1992) ("SODIUM DODECYL SULFATE- CAPILLARY GEL ELECTROPHORESIS OF PROTEINS USING NON-CROSS-LINKED POLYACRYLAMIDE," J. Chromatogr. 608:349-356					
	AS4	Zhang, Y. <i>et al.</i> (1996) "SEPARATION OF MYOGLOBIN MOLECULAR MASS MARKERS USING NON-GEL SIEVING CAPILLARY ELECTROPHORESIS," J. Chromatog. A 744:249-257					
	AT4						
Examiner: /Surekha Vathyam/				Date Considered 12/07/2006			
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<b>U.S. PATENT DOCUMENTS</b>						
Examiner's Initial	Patent Number	Date (mm/dd/yyyy)	Name	Class	Sub- Class	Filing Date (mm/dd/yyyy)
SV	AA5	5,552,028	Madabhushi <i>et al.</i>	204	451	06/02/1995
↓	AB5	5,545,302	Zhu <i>et al.</i>	204	454	04/05/1995
↓	AC5	5,534,123	Bashkin <i>et al.</i>	204	455	07/10/1995
↓	AD5	5,514,543	Grossman <i>et al.</i>	435	6	08/04/1993
↓	AE5	5,503,722	Guttman	204	450	02/28/1994
↓	AF5	5,490,909	Wang <i>et al.</i>	204	452	06/14/1995
↓	AG5	5,423,966	Wiktorowicz	204	182.8	02/15/1994
↓	AH5	5,421,980	Guttman	204	299	07/08/1994
SV	AI5	5,384,024	Moring <i>et al.</i>	204	299	03/13/1992
U.S. Patents Nos. (and (Zhu <i>et al.</i> ), <b>FOREIGN PATENT DOCUMENTS</b>						
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<del>AL5</del>						
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Examiner's Initial		Patent Number	Date (mm/dd/yyyy)	Name	Class	Sub-Class	Filing Date (mm/dd/yyyy)
SV	AA6	5,374,527	12/20/1994	Grossman	435	6	01/21/1993
	AB6	5,370,777	12/06/1994	Guttman <i>et al.</i>	204	182.8	05/15/1992
	AC6	5,364,520	11/15/1994	Okuyama <i>et al.</i>	204	299	12/10/1992
	AD6	5,332,481	07/26/1994	Guttman	204	182.8	11/13/1991
	AE6	5,310,462	05/10/1994	Chen	204	180.1	05/31/1991
	AF6	5,292,416	03/08/1994	Novotny <i>et al.</i>	204	182.8	11/13/1992
	AG6	5,292,372	03/08/1994	Swaigood <i>et al.</i>	134	1	09/09/1992
	AH6	5,264,101	11/23/1993	Demorest <i>et al.</i>	204	299	05/01/1992
SV	AI6	5,259,939	11/09/1993	Chen	204	180.1	08/30/1991
U.S. Patents Nos. (and (Zhu <i>et al.</i> ), <b>FOREIGN PATENT DOCUMENTS</b>							
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	AL6						
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	AN6						
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SV	AA7	5,139,630	08/18/1992	Chen	204	180.1	05/31/1991
↓	AB7	5,120,413	06/09/1992	Chen <i>et al.</i>	204	180.1	05/31/1991
	AC7	5,112,460	05/12/1992	Karger <i>et al.</i>	204	182.8	10/13/1989
	AD7	5,089,111	02/18/1992	Zhu <i>et al.</i>	204	180.1	09/27/1990
	AE7	5,015,350	05/14/1991	Wiktorowicz	204	180.1	11/06/1989
SV	AF7	4,865,706	09/12/1989	Karger <i>et al.</i>	204	182.8	10/21/1986

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## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY DOCKET NO.  
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10/607,584APPLICANT(S)  
Yu Liu, et al.FILING DATE  
27 June 2003GROUP  
1753

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
SV		4,522,742	6/11/1985	Lee, et al.	252	301.16
SV		6,423,296	7/23/2002	Gunther, et al.	424	9.322

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

SV		Bean, et al. <i>SODIUM DODECYL SULFATE CAPILLARY ELECTROPHORESIS OF WHEAT PROTEINS. 1. UNCOATED CAPILLARIES</i> J. Agric. Food Chem., Vol. 47, No. 10, 1999 P. 4246-4255
SV		Sanders, et al. <i>NEUTRAL AND DEAE DEXTRANS AS TRACERS FOR ASSESSING LUNG MICROVASCULAR BARRIER PERMEABILITY AND INTEGRITY</i> j. Appl. Physiol. Vol. 93, July 2002 P. 251-262

EXAMINER

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